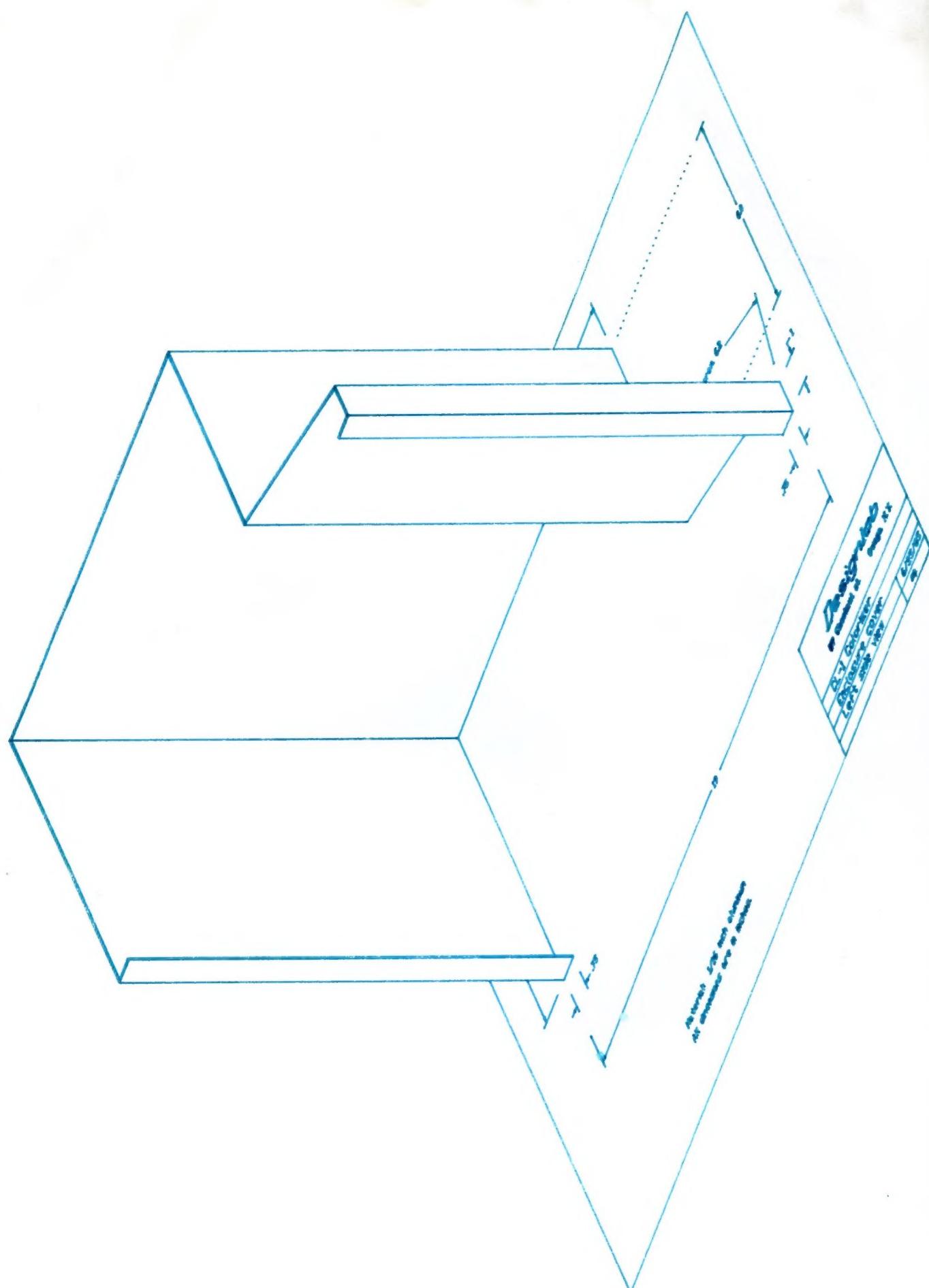
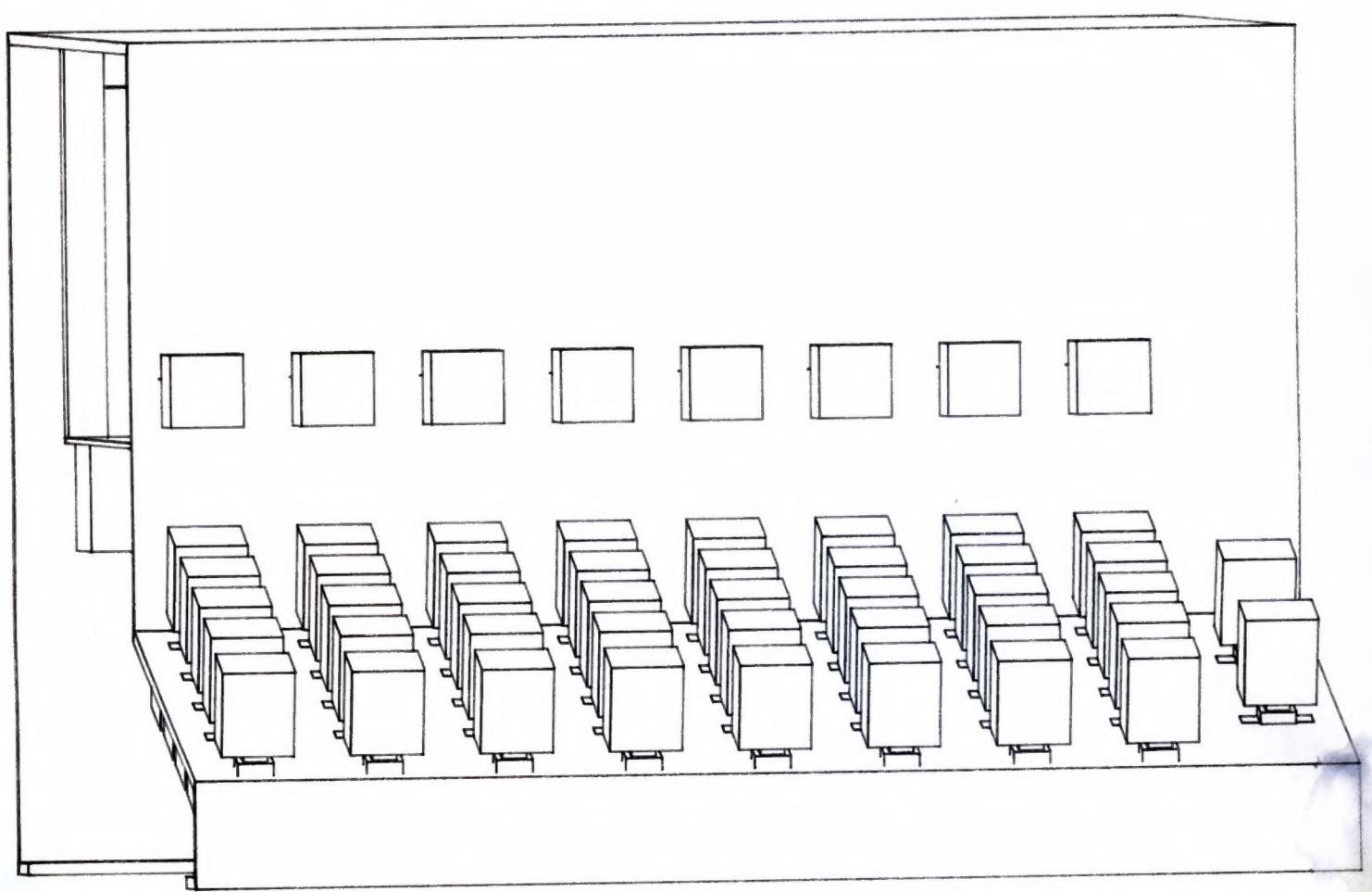


Designlab
87 Chestnut St. Oviedo, N.Y.

Material: 1/16 inch aluminum
All dimensions are in inches.





○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

○ ○ ○ ○ ○

RED GREEN

BLUE CHroma

VIDEO PED.

clip soft.

Pos.

Norm.

No Layer

Bright

Cont.

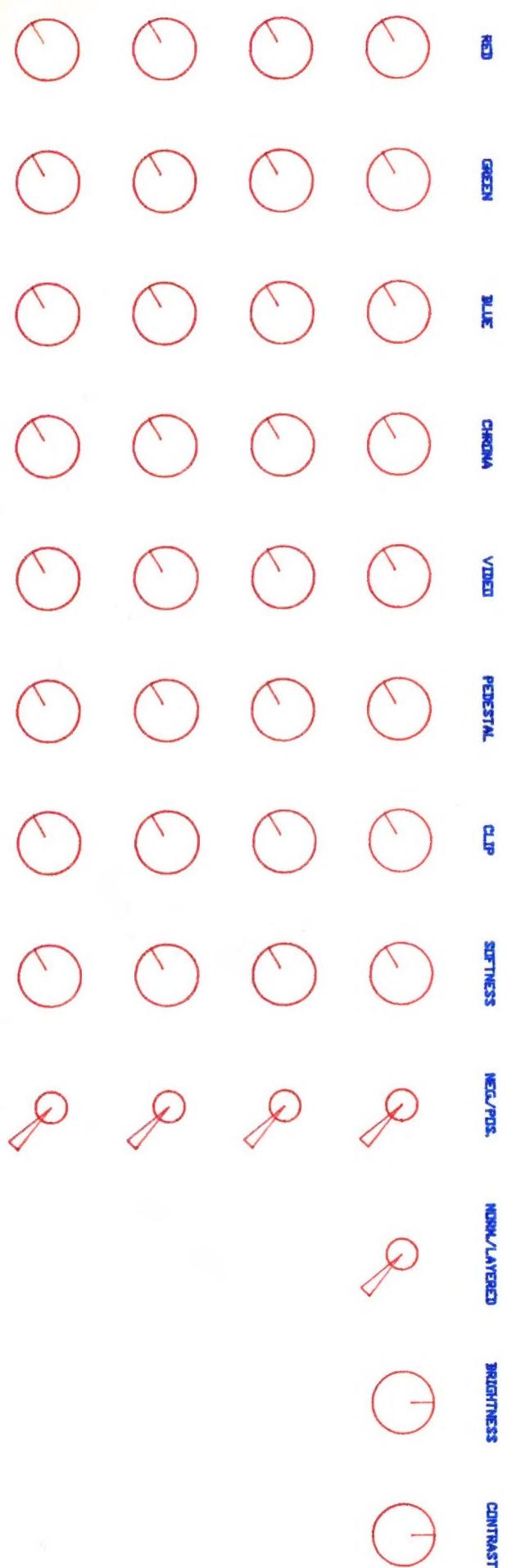
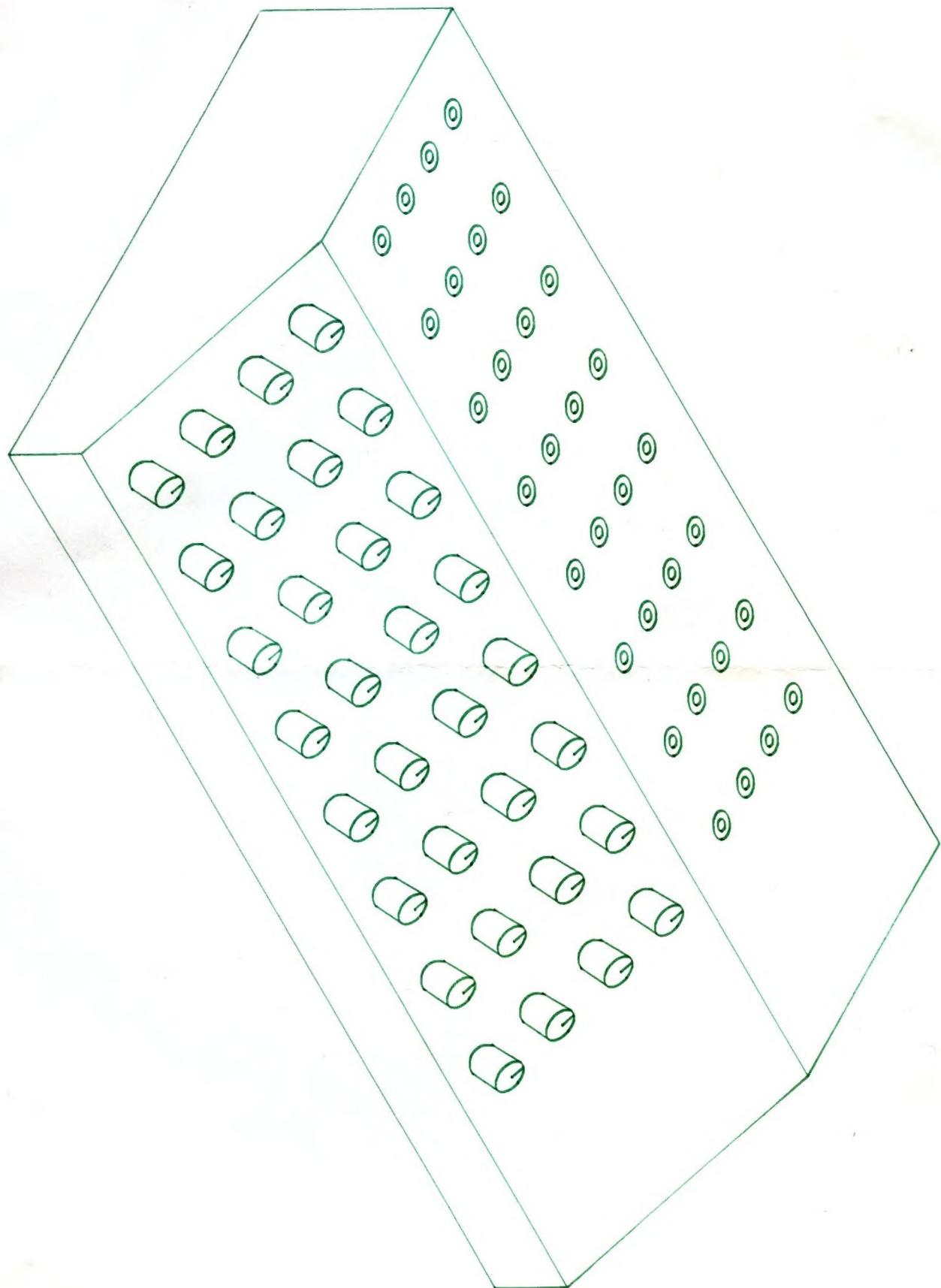


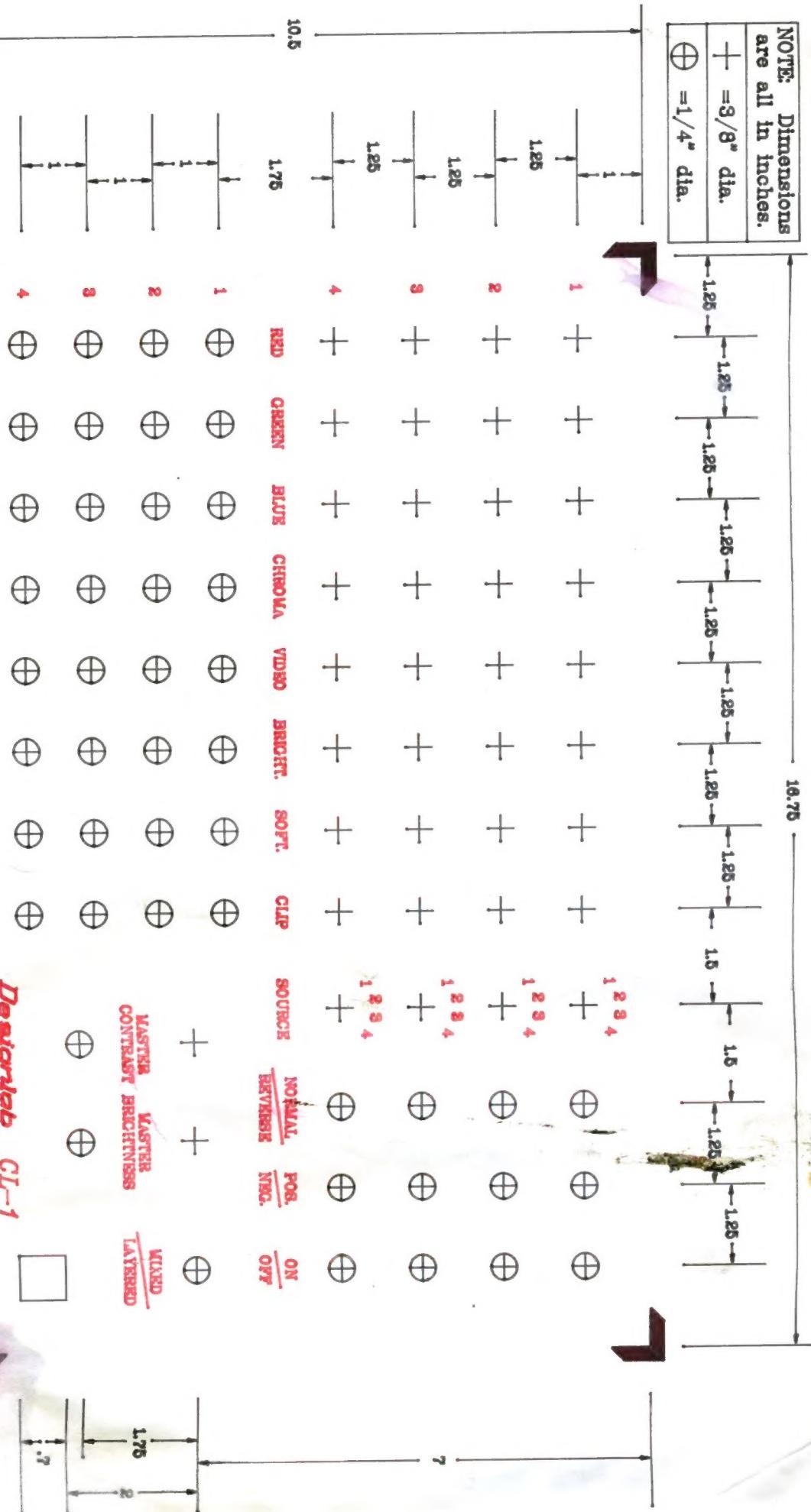
Fig. 1



NOTE: Dimensions are all in inches.

+ = 3/8" dia.

\oplus = 1/4" dia.



Designlab CL-1

1

MASTER CONTRAST **MASTER BRIGHTNESS**

SOURCE	<u>NORMAL</u>	<u>POS.</u>	<u>ON</u>
<u>REVERSE</u>	NEG.		OFF

+ 4

1294

1294

1294

+ 1

100

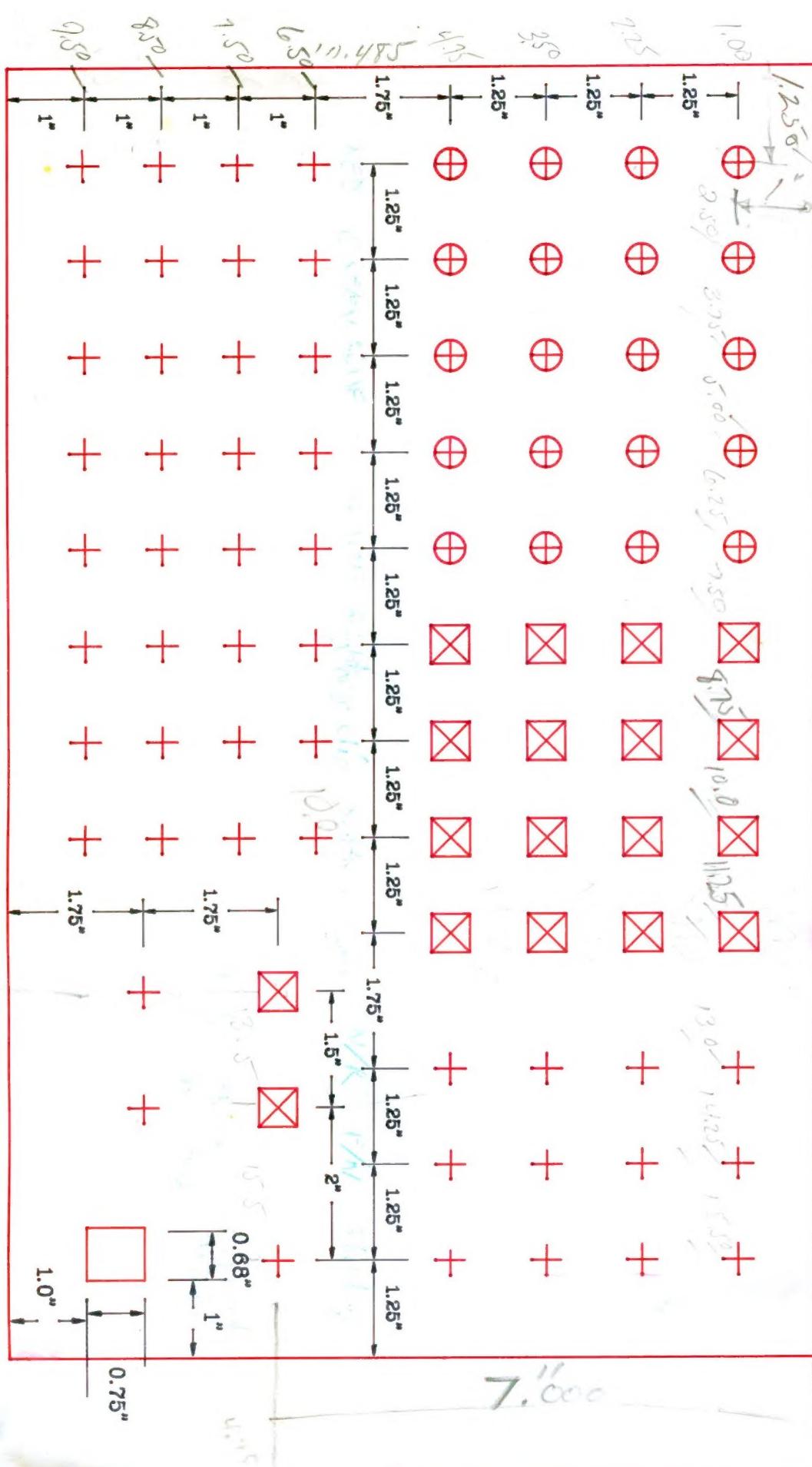
5 → 1.5 →
→ 1.25 → ← 1.25 ←

1000

(C) 1988 Dave Jones

87 Chestnut St.
Owego, NY 14827

164 : 97



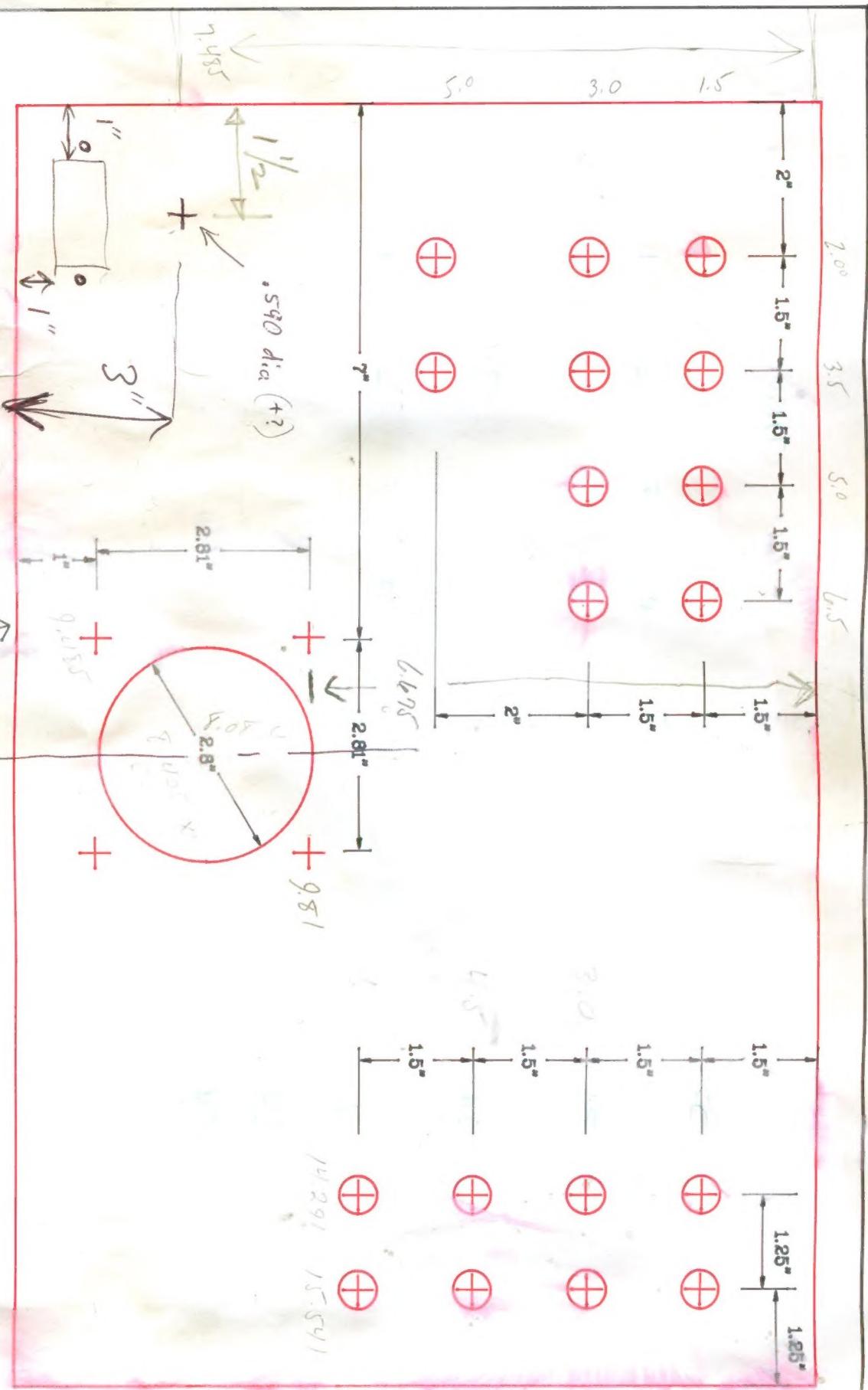
Note:

Panel is an LMB FB1050-17

Designlab
87 Chestnut st. Oneida, N.Y.

CL-1 Front Panel

10/21/08



2 pieces

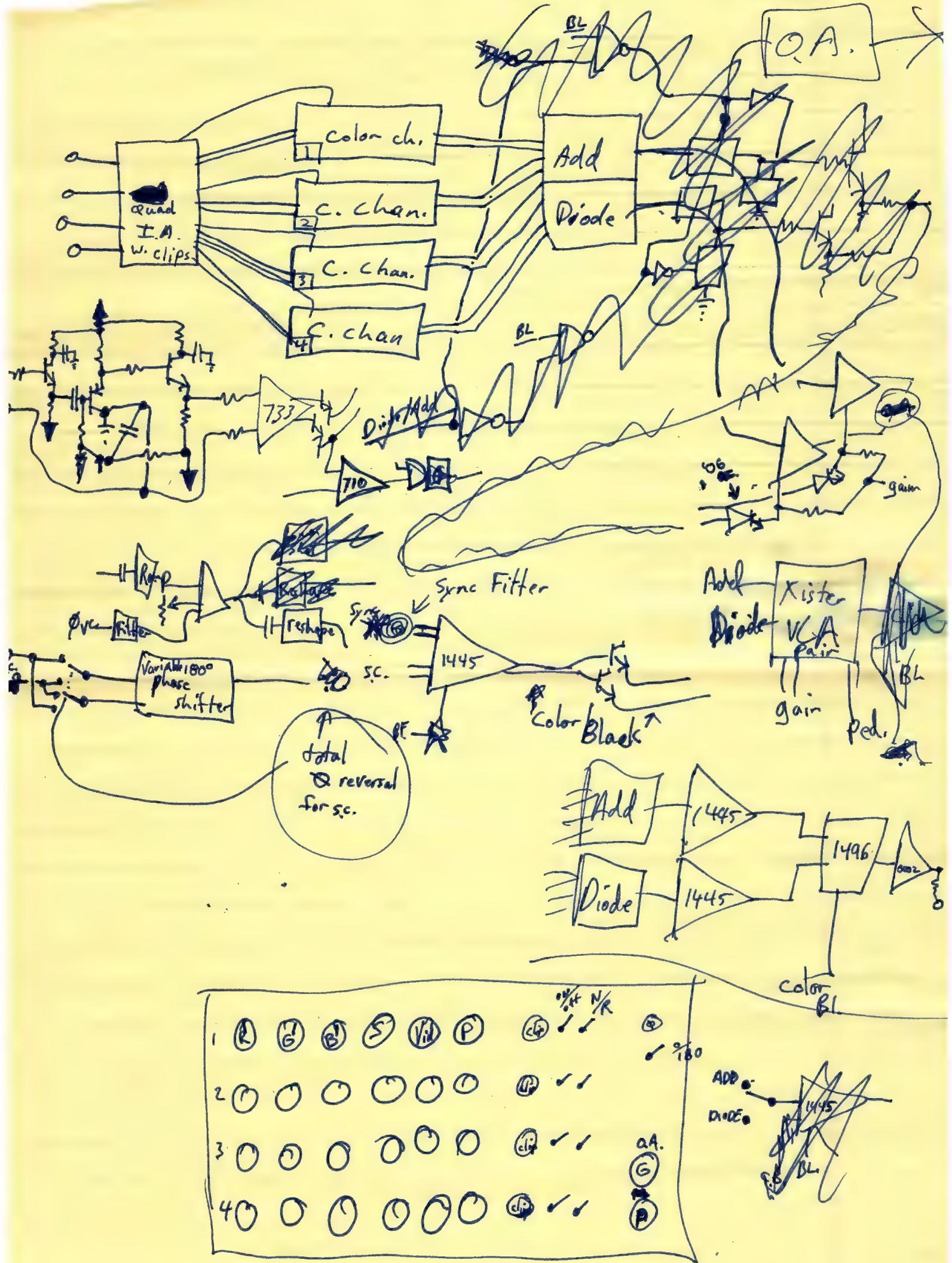
Note:

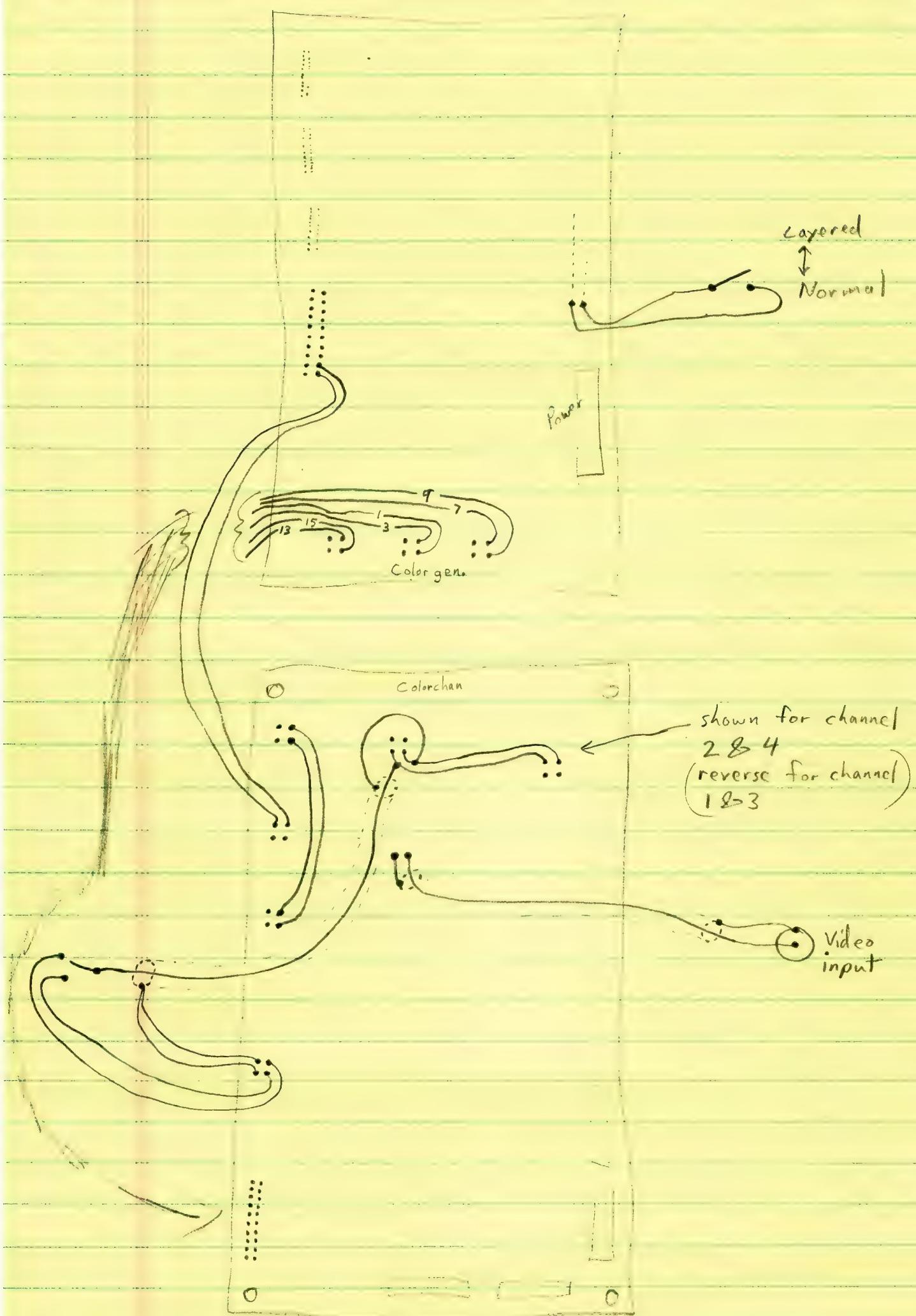
= 0.165" Dia. Holes
= 0.375" Dia. Holes

Patel is an LMB FB1050-17

Designlab
37 Chestnut St. Oneida, N.Y.

Designlab
87 Chestnut st. Orange, N.Y.





EXT Power

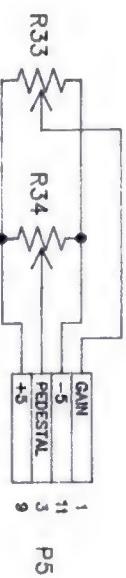
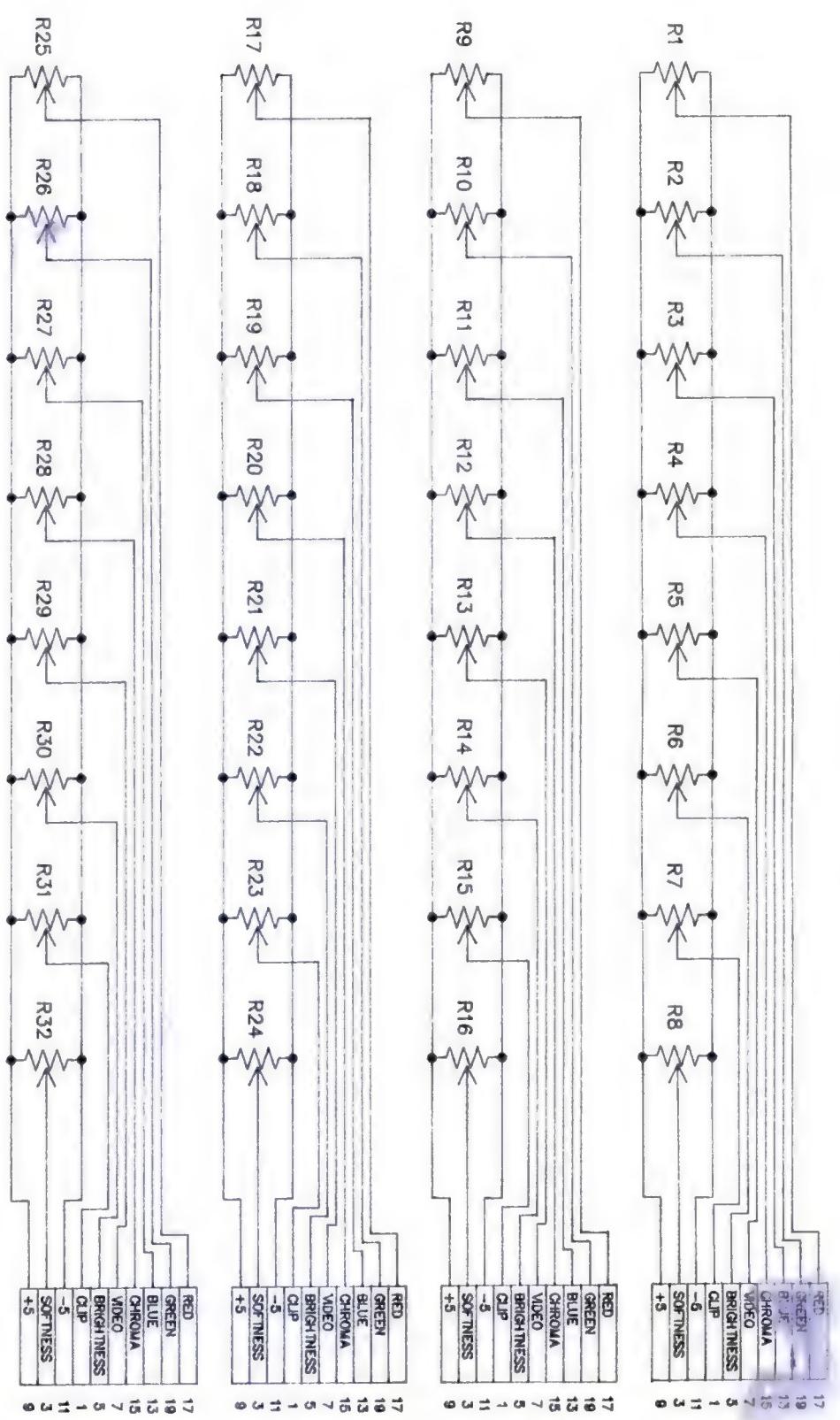
- 1 3 (-5)
- 2 3 (+5)
- 3 Ped. pot
- 4 Ped. mini
- 5 3 $\frac{1}{2}$
- 6 3 $\frac{1}{2}$
- 7 gain mini
- 8 gain pot
- 9 Sync
- 10 B.F.
- 11 $\frac{1}{2}$
- 12 BL
- 13 SC -
- 14 SC +
- 15 $\frac{1}{2}$ (out #1)
- 16 out #1
- 17 $\frac{1}{2}$ (out #2)
- 18 out #2

CL-1

Output Amp:

- ① add 75Ω for second output
- ② add $8.2k$ offset on 2^{nd} Video Amp
- ③ input resistors are $2k$ (No DC restore section)
- ④ put 2 regulators on ($+5 \& -5$)
- ⑤ connector for unreg. power in
- ⑥ connector for Master gain & pod controls
- ⑦

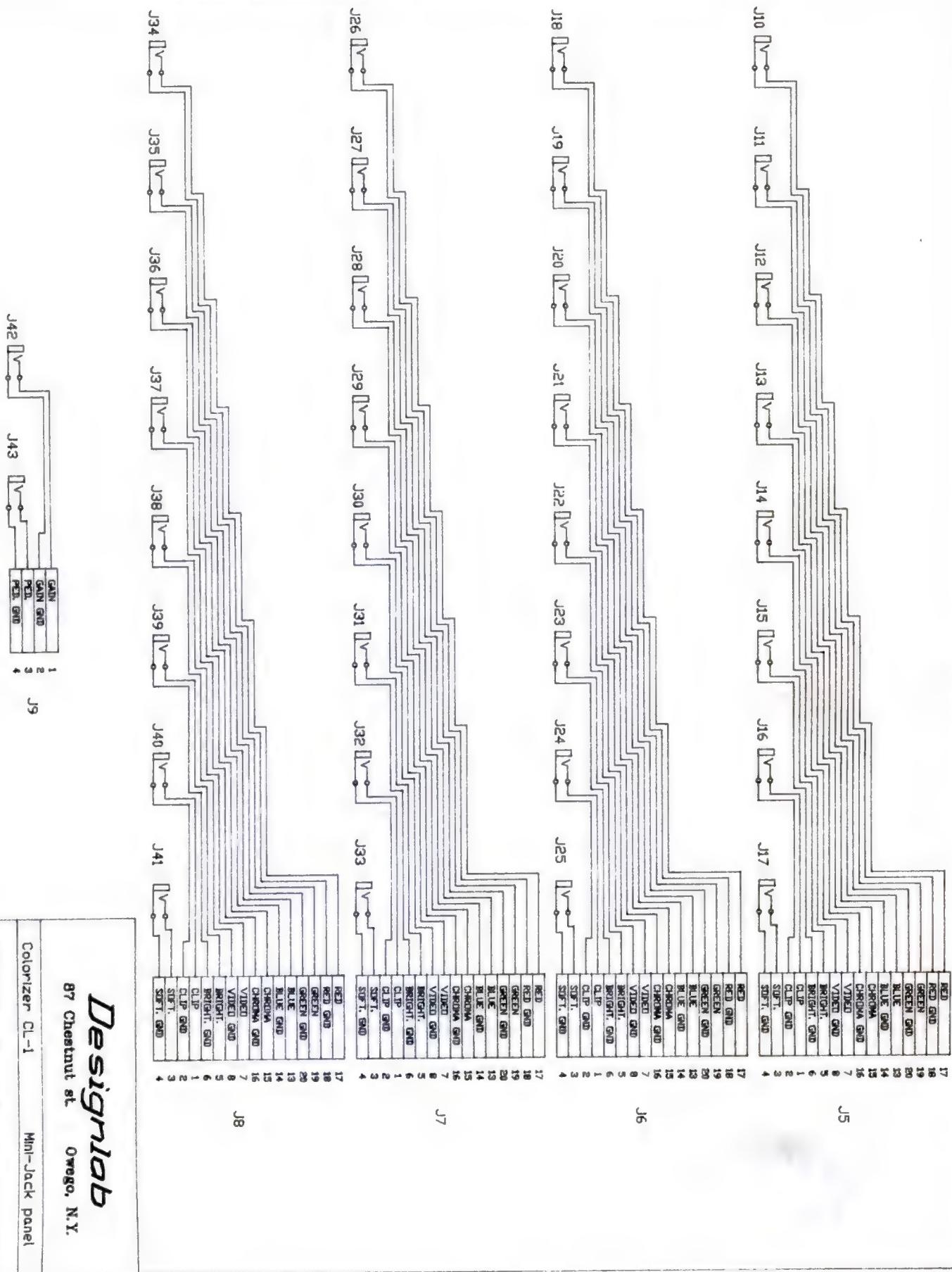
all potentiometers are 10k linear.

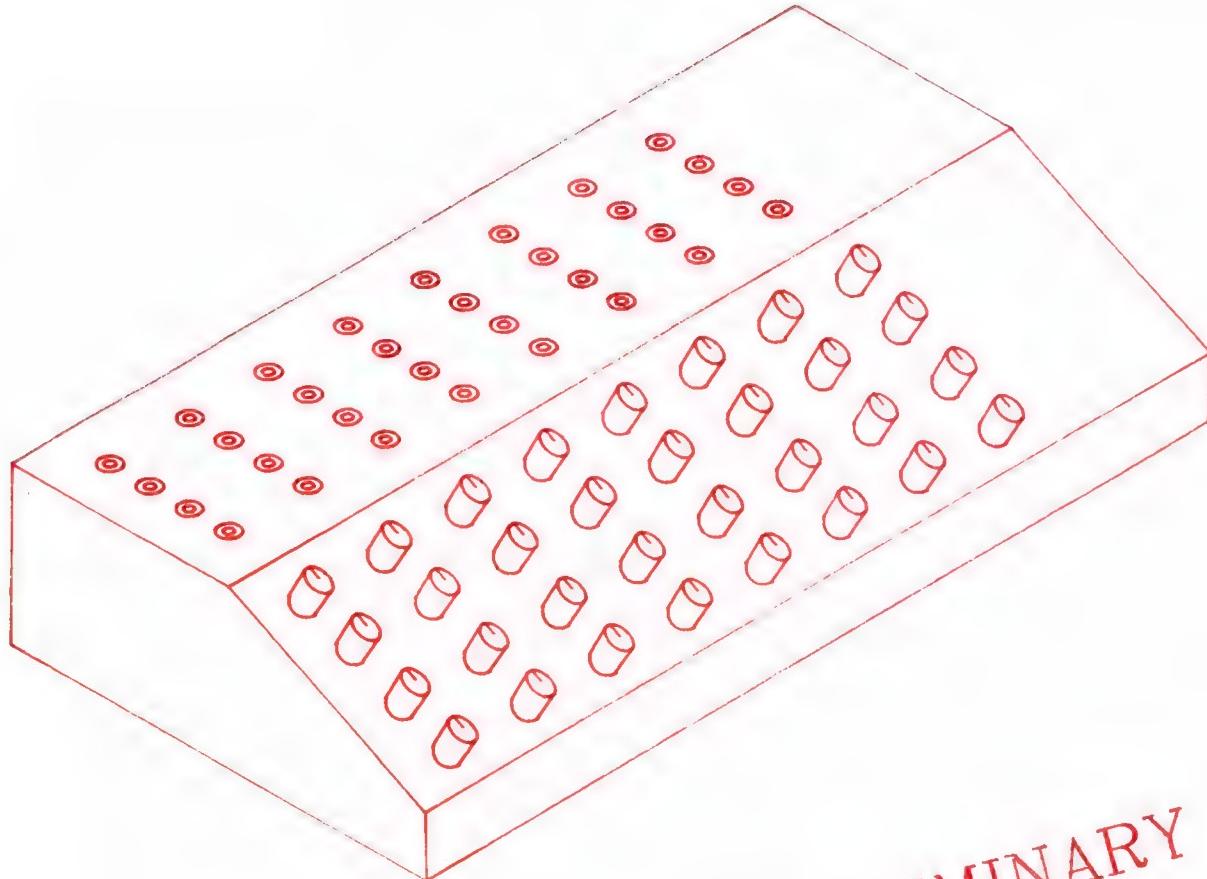


Designlab

87 Chestnut st. Owego, N.Y.

Colorizer CL-1	Control panel
(P.C. board version)	6/11/85





PRELIMINARY

CL-1

Voltage Controllable Colorizer

Features:

- A style switch to choose between the two styles of mixing.
- Master contrast and brightness controls.
- Four identical channels that each have:
 - Red, green and blue color controls.
 - Chroma control to set the richness of the color.
 - Video control to mix an external video signal with the color.
 - A brightness control.
 - Clip control and softness control that are used to choose areas in the image and fade them to black.
 - A positive/negative switch for the external video.
 - Normal/reverse switch for the clip control.

CL-1 Colorizer

Introduction:

The CL-1 Colorizer is a 4-channel colorizer with a ^{soft-edge} keying system built in. The keying section does not function like a normal Keyer (see section ~~for more information~~ for more information).

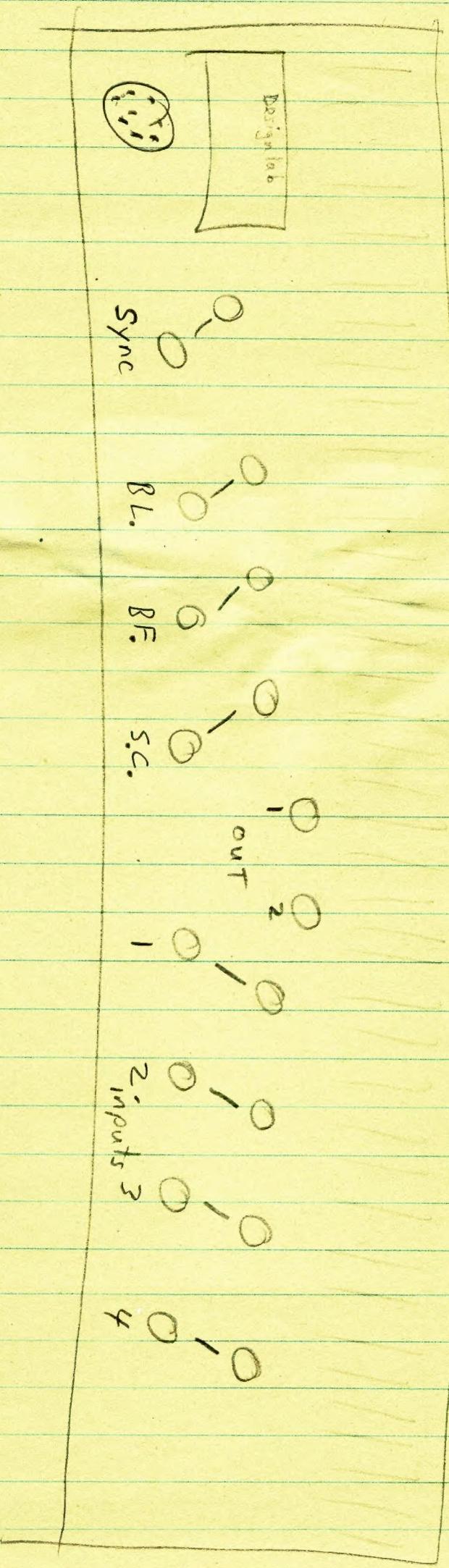
There are four identical channels that each have a color ^{and video} mixing section, a video mixer and a keying section.

~~Each of the channels~~

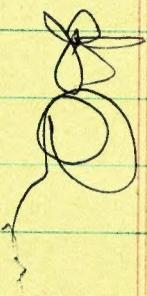
The four channels mix together in a ~~unique special type of~~ dual purpose mixer that is switchable between a simple blend of the 4 channels and a unique "layered mix".

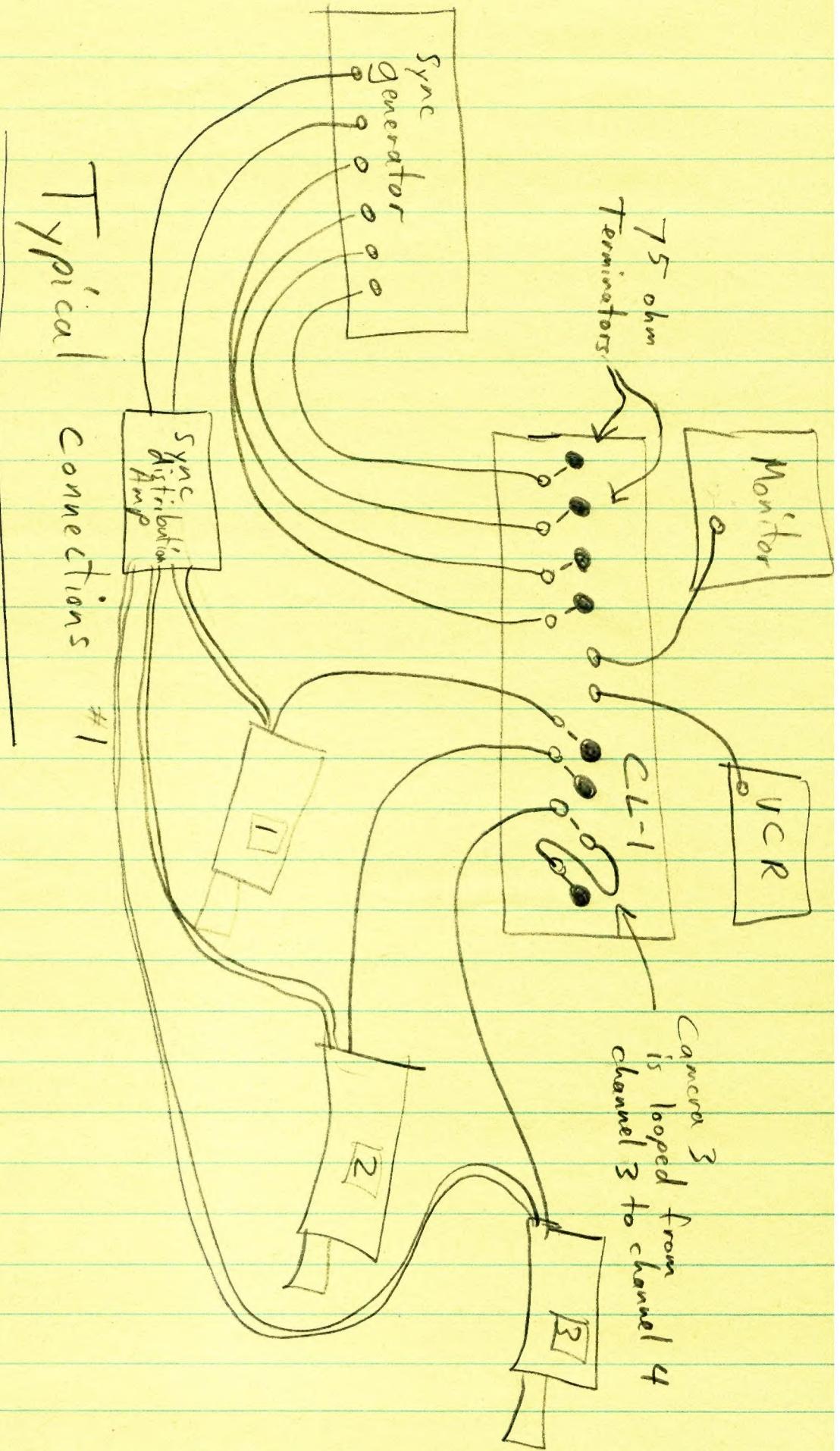
After the mixer, the signal goes through an "output AMP" that turns the signal into an NTSC type video signal. The output amp also provides master contrast and brightness controls for the colorizer.

CL-1 Back Panel



CONT RAST
BRIGHTNESS





Typical
Connections #1

